

Food Science & Technology Career Development Event

New Jersey FFA Association
New Jersey Department of Agriculture
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In Cooperation with the New Jersey Department of Education

Purpose of Event

The Food Science & Technology CDE requires students to have an in-depth understanding of food product development and presentation, and food safety issues. Participants use their sensory skills to solve problems and make sound decisions. FFA activities are an integral part of the instructional program in Agriculture, Food, and Natural Resources Education. The Food Science & Technology Career Development Event promotes learning activities in food science and technology related to the food industry through the agricultural education curriculum.

State Core Curriculum Content Standards (CCCS)

Through Agriculture, Food and Natural Resources Education, FFA helps students meet the State Core Curriculum Content Standards. The Food Science & Technology Career Development Event teaches students about 21st-Century Life and Careers and Science standards. Some examples of how the Food Science & Technology Career Development Event is meeting these standards are:

All students will demonstrate the creative, critical thinking, collaboration, and problem-solving skills needed to function successfully as both global citizens and workers in diverse ethnic and organizational cultures.

- Through the Food Science & Technology CDE, students will solve problems related to the field of food science. Through problem solving, students experience the power and usefulness of technology and mathematics. **[9.1 21st Century Life and Career Skills]**

All students who complete a career and technical education program will acquire academic and technical skills for careers in emerging and established professions that lead to technical skill proficiency, credentials, licenses, and/or degrees.

- Through the Food Science & Technology CDE, students learn and apply skills necessary for successful careers in the industry. **[9.4 – 21st Century Life and Careers: Careers and Technical Education – (A.) Agriculture, Food, and Natural Resources Career Cluster – (1.) Food Products and Processing Systems]**

All students will understand that science is both a body of knowledge and an evidence-based, model-building enterprise that continually extends, refines, and revises knowledge. The four Sciences Practices strands encompass the knowledge and reasoning skills that students must acquire to be proficient in science.

- Through the Food Science & Technology CDE, students will demonstrate how to use scientific tools and instruments and knowledge of food science and technology. **[5.1 – Science: Science Practices]**

Rules of Event

This event has four (4) phases: Phase I – Objective Test; Phase II – Food Safety and Quality Practicum (Customer Inquiry, Food Safety/Sanitation); Phase III – Sensory Evaluation (Triangle Tests, Flavor Identification, Aromas); Phase IV – Team Product Development Project (Package Design, Product Development, Response to Judges' Questions). A chapter must have a team of four (4) as all four scores count toward determining the team's rank. For more details on this event, [click here](#) to consult the [National FFA Career Development Event Handbook](#).

Scoring for the New Jersey Event

Specific scoring and event information will be provided via email when it is provided.

[Click here to discover the Career Opportunities, SAE Opportunities and Proficiency Award Areas that correspond to the Food & Science Technology Career Development Event!](#)